



September 23, 2022

Ellen Nerbak, Chairwoman  
David Dech, PE, Planning Director  
Warren County Solid Waste Advisory Council  
Warren County Planning Department  
Wayne Dumont, Jr. Administration Building  
165 County Route 519 South  
Belvidere, NJ 07823

RE: Vivaria Ecologics, LLC SWAC Application  
Supplemental Information

Dear Chairwoman Nerbak and Mr. Dech:

Thank you for the opportunity to present Vivaria Ecologics LLC's application before the Warren County Solid Waste Advisory Council (SWAC). In advance of the next meeting, we are providing additional information and clarifications regarding the application. As a part of Vivaria Ecologics' commitment to being good neighbors and preserving the agricultural heritage of the area, we have placed a particular focus on noting community concerns during our entire planning and application process and are pleased to provide relevant information to the SWAC to satisfactorily address them.

As was stated during the September 1, 2022 meeting, we retained Dynamic Traffic to conduct a traffic impact study. The designation of an industrial zone reflects a municipality's view that industrial uses both comply with the master plan and that existing infrastructure and truck routes can safely accommodate permitted industrial activity. The traffic study, in summary, showed that the proposed project would have little to no impact on traffic conditions. The study also demonstrates that other permitted industrial uses on the site would generate significantly more traffic than our proposed facility. I have enclosed a copy of the complete traffic study for your review.

Additionally, during the previous meeting there was a question about the pricing of food scrap recycling relative to sending food scraps to landfill. By law, food scrap recycling services must be competitively priced. In order to further clarify my answer as provided during the hearing, I have included the relevant section of the food waste law [NJ Rev Stat § 13:1E-99.122 (2020)] below.

A large food waste generator may petition the Department of Environmental Protection for a waiver of the requirements in subsection a. of this section if the cost of transporting the food waste plus the fee charged by an authorized food waste recycling facility located within 25 road miles of the large food waste generator is at least 10 percent more than the cost of transporting the food waste for disposal as solid waste plus the disposal fee charged for solid waste disposal in the State for noncontract commercial waste by a properly licensed transfer station, sanitary landfill facility, incinerator, or resource recovery facility located within 25 road miles of the large food waste generator provided that any authorized food waste recycling facility located within 25 road miles of the large food waste generator seeking the waiver must be given notice of the petition and an opportunity to participate in the proceeding before the department.

Beyond the pricing requirements included in New Jersey's food waste law, it is our philosophy that by ensuring food scrap recycling is accessible and affordable, we can provide a valuable resource for businesses in the region.

In reference to a question about other facilities that operate in proximity to residential areas, we have included several examples attached to this letter as an Annex. These facilities are similar to our proposed facility, use aerated static pile technology, and the active composting areas are situated in closer proximity to the nearest residences than our proposed facility. These facilities illustrate the low impact nature of composting operations, particularly when there is tight process and quality control.

Finally, to address questions about vermin control, we have included a full plan and protocols in our application (pages 25-26). In general, aerated static piles are not attractive to wildlife as the piles reach temperatures of 140-160 degrees.

As laid out in our application, there is a clear need for food scrap recycling in Warren County. Composting both preserves agricultural heritage while providing a new economic development opportunity that we are excited to be able to share with the Council.



We appreciate the Council's evaluation of our proposed facility on its merits and look forward to sharing any more information, data, or details that would be useful in further demonstrating our application's consistency with Warren County's Solid Waste Management Plan.

Sincerely,

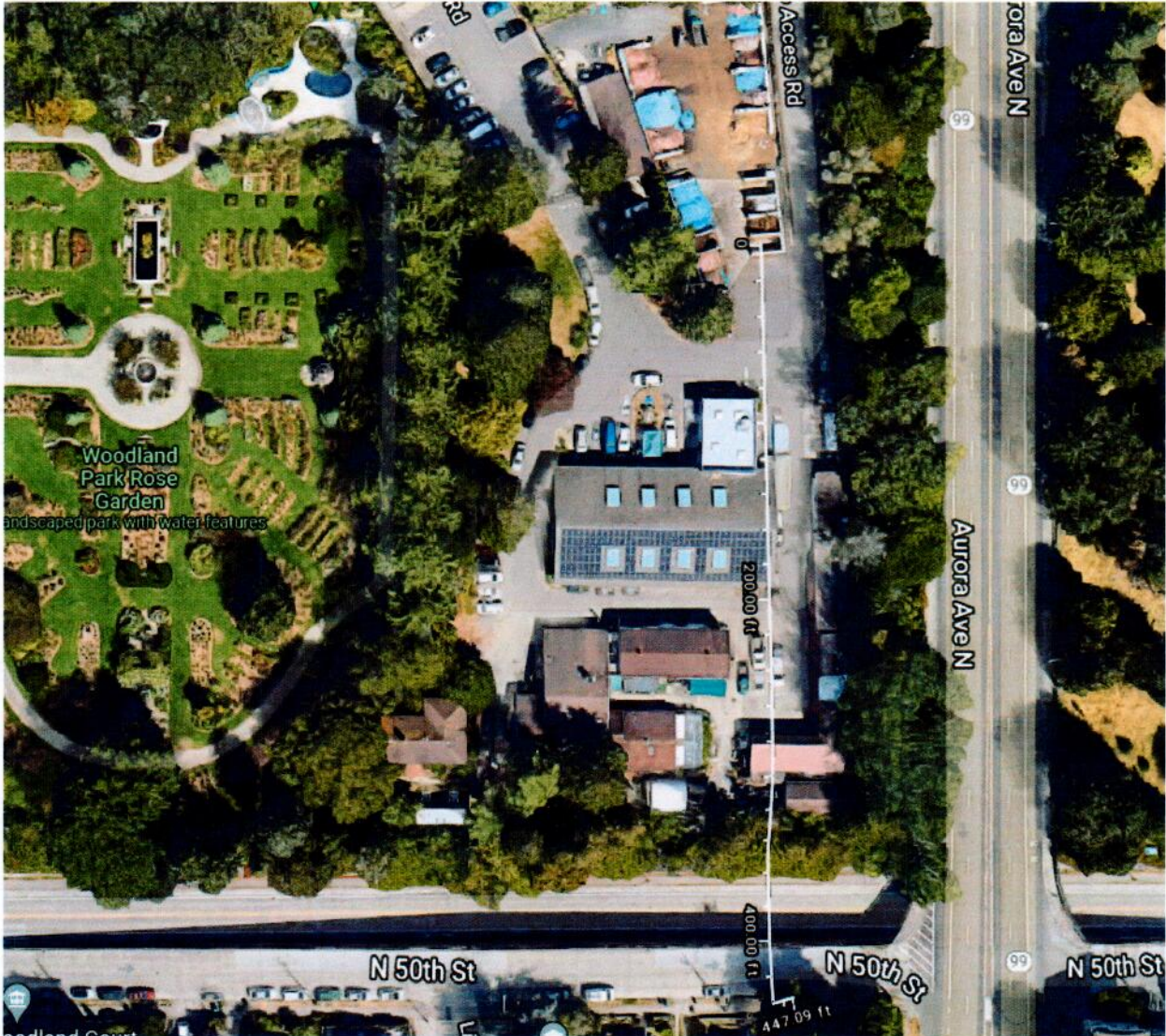
A handwritten signature in blue ink, appearing to read 'Wayne DeFeo', with a long horizontal flourish extending to the right.

Wayne DeFeo LEED AP, BD&C  
Principal, DeFeo Associates

**Annex:**

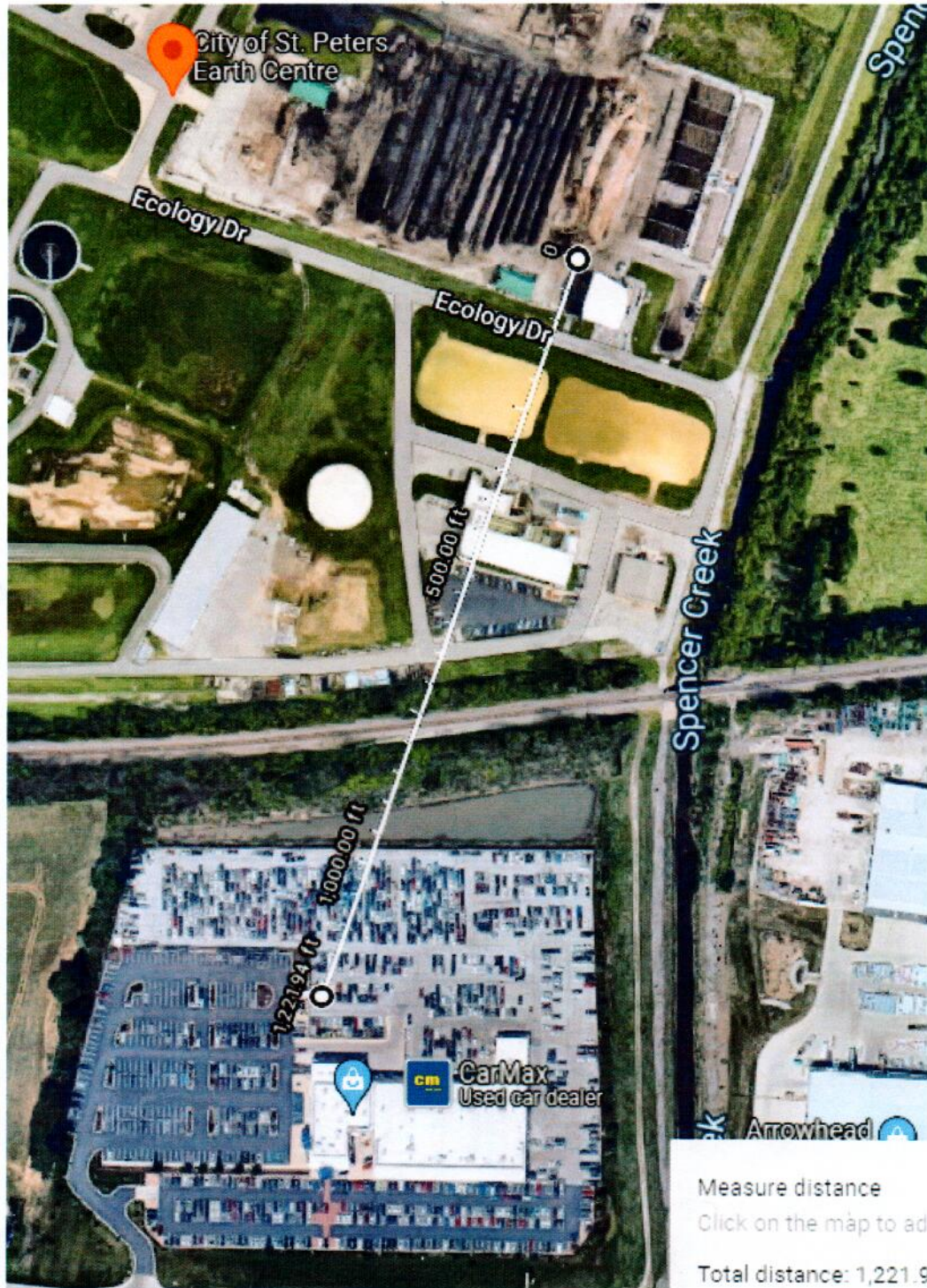
**Examples of Composting Facilities and Proximity to Homes and Businesses**

Woodland Park Zoo, 1,000 TPY, ~450 ft to residential





St Peters 30,000 TPY reversing aeration, ~1,200 ft to commercial





Lynden WA 8,000 TPY biosolids, reversing aeration, ~800 ft to residential

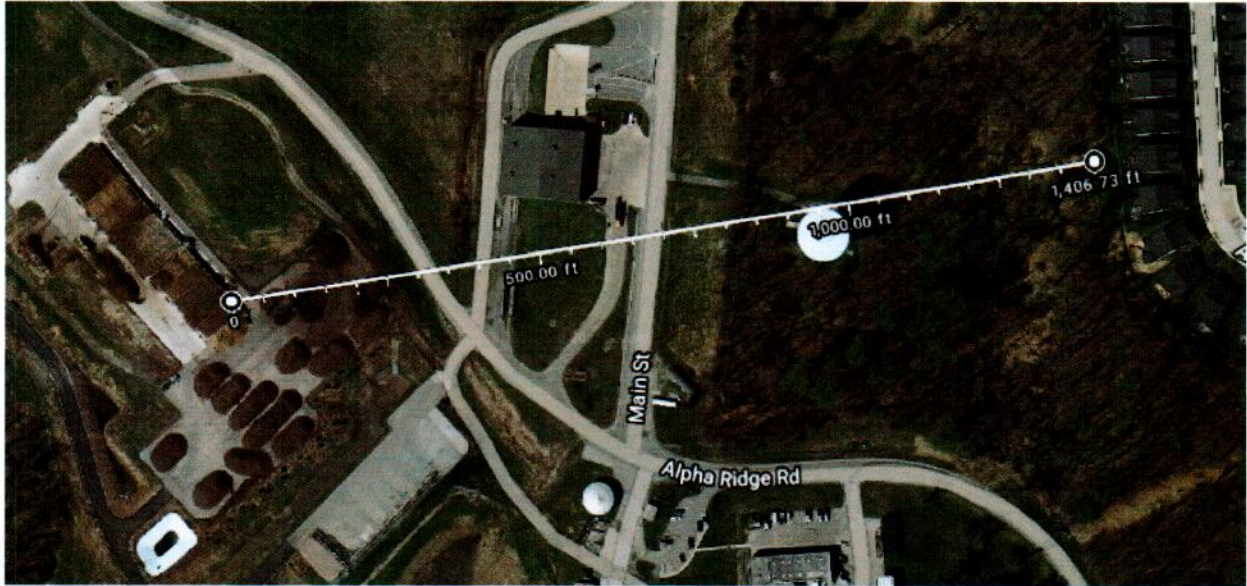


[Lenz enterprises](#) reversing cASP, just expanded from 60,000 to 130,000 TPY, ~1400 ft to commercial





Howard county 50,000 TPY negative cASP, ~1400 ft to residential





Freestate farms 80,000 TPY reversing cASP, ~800 ft to commercial

